

Statistics Report 09149, Kumquats, raw

Report Date: June 30, 2017 11:56 EDT

Nutrient values and weights are for edible portion.

Nutrient	Unit	Value Per100 g	Data Points	Std. Error	Min	Max	df	LB	UB	# Studies	Source	NDB Ref	Last Modified
Proximates													
Water 1	g	80.85	2	--	77.4	84.3	--	--	--	1	Analytical or derived from analytical	--	02/2003
Energy	kcal	71	--	--	--	--	--	--	--	--	Calculated or imputed	--	02/2007
Energy	kJ	296	--	--	--	--	--	--	--	--	Calculated or imputed	--	02/2007
Protein 1	g	1.88	2	--	1.68	2.07	--	--	--	1	Analytical or derived from analytical	--	02/2003
Total lipid (fat) 1	g	0.86	2	--	0.84	0.87	--	--	--	1	Analytical or derived from analytical	--	02/2003
Ash 1	g	0.52	2	--	0.49	0.55	--	--	--	1	Analytical or derived from analytical	--	02/2003
Carbohydrate, by difference	g	15.90	--	--	--	--	--	--	--	--	Calculated or imputed	--	02/2007
Fiber, total dietary 1	g	6.5	2	--	6.2	6.9	--	--	--	1	Analytical or derived from analytical	--	02/2003
Sugars, total	g	9.36	--	--	--	--	--	--	--	--	Calculated or imputed	--	02/2003

Minerals

Nutrient	Unit	Value Per100 g	Data Points	Std. Error	Min	Max	df	LB	UB	# Studies	Source	NDB Ref	Last Modified
Calcium, Ca 1	mg	62	2	--	47	77	--	--	--	1	Analytical or derived from analytical	--	02/2003
Iron, Fe 1	mg	0.86	2	--	0.73	0.98	--	--	--	1	Analytical or derived from analytical	--	02/2003
Magnesium, Mg 1	mg	20	2	--	18	21	--	--	--	1	Analytical or derived from analytical	--	02/2003
Phosphorus, P 1	mg	19	2	--	16	22	--	--	--	1	Analytical or derived from analytical	--	02/2003
Potassium, K 1	mg	186	2	--	179	193	--	--	--	1	Analytical or derived from analytical	--	02/2003
Sodium, Na 1	mg	10	2	--	9	11	--	--	--	1	Analytical or derived from analytical	--	02/2003
Zinc, Zn 1	mg	0.17	2	--	0.1	0.24	--	--	--	1	Analytical or derived from analytical	--	02/2003
Copper, Cu 1	mg	0.095	2	--	0.04	0.15	--	--	--	1	Analytical or derived from analytical	--	02/2003
Manganese, Mn 1	mg	0.135	2	--	0.09	0.18	--	--	--	1	Analytical or derived from analytical	--	08/2002
Selenium, Se	µg	0.0	--	--	--	--	--	--	--	--	Calculated or imputed	09202	02/2003

Vitamins

Nutrient	Unit	Value Per100 g	Data Points	Std. Error	Min	Max	df	LB	UB	# Studies	Source	NDB Ref	Last Modified
Vitamin C, total ascorbic acid 1	mg	43.9	2	--	43.8	44	--	--	--	1	Analytical or derived from analytical	--	02/2003
Thiamin 1	mg	0.037	2	--	0.02	0.06	--	--	--	1	Analytical or derived from analytical	--	02/2003
Riboflavin 1	mg	0.090	2	--	0.06	0.12	--	--	--	1	Analytical or derived from analytical	--	02/2003
Niacin 1	mg	0.429	2	--	0.34	0.52	--	--	--	1	Analytical or derived from analytical	--	02/2003
Pantothenic acid 1	mg	0.208	2	--	0.2	0.22	--	--	--	1	Analytical or derived from analytical	--	08/2002
Vitamin B-6 1	mg	0.036	2	--	0.04	0.04	--	--	--	1	Analytical or derived from analytical	--	02/2003
Folate, total 1	µg	17	2	--	15	18	--	--	--	1	Analytical or derived from analytical	--	02/2003
Folic acid	µg	0	--	--	--	--	--	--	--	--	Assumed zero	--	01/2001
Folate, food	µg	17	2	--	--	--	--	--	--	--	Analytical or derived from analytical	--	02/2007
Folate, DFE	µg	17	--	--	--	--	--	--	--	--	Calculated or imputed	--	10/2009
Choline, total	mg	8.4	--	--	--	--	--	--	--	--	Calculated or imputed	09202	02/2007
Vitamin B-12	µg	0.00	--	--	--	--	--	--	--	--	Assumed zero	--	02/2003

Nutrient	Unit	Value Per100 g	Data Points	Std. Error	Min	Max	df	LB	UB	# Studies	Source	NDB Ref	Last Modified
Vitamin B-12, added	µg	0.00	--	--	--	--	--	--	--	--	Assumed zero	--	09/2004
Vitamin A, RAE 2	µg	15	2	--	--	--	--	--	--	--	Analytical or derived from analytical	--	08/2002
Retinol	µg	0	--	--	--	--	--	--	--	--	Assumed zero	--	06/2002
Carotene, beta 1 2	µg	0	2	--	--	--	--	--	--	--	Analytical or derived from analytical	--	08/2002
Carotene, alpha 1 2	µg	155	2	--	--	--	--	--	--	--	Analytical or derived from analytical	--	08/2002
Cryptoxanthin, beta 1 2	µg	193	2	--	--	--	--	--	--	--	Analytical or derived from analytical	--	08/2002
Vitamin A, IU 2	IU	290	2	--	--	--	--	--	--	--	Analytical or derived from analytical	--	02/2003
Lycopene	µg	0	--	--	--	--	--	--	--	--	Calculated or imputed	09202	02/2003
Lutein + zeaxanthin	µg	129	--	--	--	--	--	--	--	--	Calculated or imputed	09202	05/2003
Vitamin E (alpha-tocopherol)	mg	0.15	--	--	--	--	--	--	--	--	Calculated or imputed	09202	02/2003
Vitamin E, added	mg	0.00	--	--	--	--	--	--	--	--	Assumed zero	--	09/2004
Vitamin D (D2 + D3)	µg	0.0	--	--	--	--	--	--	--	--	Assumed zero	--	11/2008
Vitamin D	IU	0	--	--	--	--	--	--	--	--	Assumed zero	--	02/2009
Vitamin K (phylloquinone)	µg	0.0	--	--	--	--	--	--	--	--	Calculated or imputed	09202	02/2003

Lipids

Nutrient	Unit	Value Per100 g	Data Points	Std. Error	Min	Max	df	LB	UB	# Studies	Source	NDB Ref	Last Modified
Fatty acids, total saturated	g	0.103	--	--	--	--	--	--	--	--	Calculated or imputed	09206	02/2003
4:0	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	09206	08/2002
6:0	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	09206	08/2002
8:0	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	09206	08/2002
10:0	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	09206	08/2002
12:0	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	09206	08/2002
14:0	g	0.004	--	--	--	--	--	--	--	--	Calculated or imputed	09206	02/2003
16:0	g	0.090	--	--	--	--	--	--	--	--	Calculated or imputed	09206	02/2003
18:0	g	0.004	--	--	--	--	--	--	--	--	Calculated or imputed	09206	02/2003
Fatty acids, total monounsaturated	g	0.154	--	--	--	--	--	--	--	--	Calculated or imputed	09206	02/2003
16:1 undifferentiated	g	0.021	--	--	--	--	--	--	--	--	Calculated or imputed	09206	02/2003
18:1 undifferentiated	g	0.137	--	--	--	--	--	--	--	--	Calculated or imputed	09206	02/2003
20:1	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	09206	08/2002
22:1 undifferentiated	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	09206	08/2002
Fatty acids, total polyunsaturated	g	0.171	--	--	--	--	--	--	--	--	Calculated or imputed	09206	02/2003
18:2 undifferentiated	g	0.124	--	--	--	--	--	--	--	--	Calculated or imputed	09206	02/2003
18:3 undifferentiated	g	0.047	--	--	--	--	--	--	--	--	Calculated or imputed	09206	02/2003
18:4	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	09206	08/2002
20:4 undifferentiated	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	09206	08/2002

Nutrient	Unit	Value Per100 g	Data Points	Std. Error	Min	Max	df	LB	UB	# Studies	Source	NDB Ref	Last Modified
20:5 n-3 (EPA)	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	09206	08/2002
22:5 n-3 (DPA)	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	09206	08/2002
22:6 n-3 (DHA)	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	09206	08/2002
Fatty acids, total trans	g	0.000	--	--	--	--	--	--	--	--	Assumed zero	--	06/2015
Cholesterol	mg	0	--	--	--	--	--	--	--	--	Assumed zero	--	08/1982
Other													
Alcohol, ethyl	g	0.0	--	--	--	--	--	--	--	--	Assumed zero	--	04/1985
Caffeine	mg	0	--	--	--	--	--	--	--	--	Assumed zero	--	08/2002
Theobromine	mg	0	--	--	--	--	--	--	--	--	Assumed zero	--	08/2002
Flavonoids													
Flavanones													
Naringenin ³	mg	57.4	--	0	57.39	57.39	--	--	--	--	--	--	--
Flavones													
Apigenin ³	mg	21.9	--	0	21.87	21.87	--	--	--	--	--	--	--

Sources of Data

¹Nutrient Data Laboratory, ARS, USDA Nutrient Analysis of Specialty Fruit Marketed in the United States, 1987 Beltsville MD
²A Homnava, W Rogers, R R Eitenmiller Provitamin A activity of specialty fruit marketed in the United States., 1990 J. Food Composition and Analysis 3 pp.119-133

³Sakakibara, H., Honda, Y., Nakagawa, S., Ashida, H., and Kanazawa, K. Simultaneous determination of all polyphenols in vegetables, fruits, and teas, 2003 J. Agric. Food Chem. 51 3 pp.571-581